Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli

EMB

(Pre-Measurement Sheet and Measurement Sheet)

Second and Final Bill

BOOK NO - 02

Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli

EMB

Second and Final Bill

Pre-Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE								
PRE MEASUREMENT SHEET								
SECOND AND FINAL BILL								
	Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli							
	Rs. 75.00 Lakhs							
	008-20-000002							
	P3727 SC-SP/TSP Mukyamantrigala Nava Bengaluru Yojane							
	Executive Engineer, Karnataka Rural Infrastructure development Ltd,							
	BBMP/EE/BTP/WO/156/2019-20							
	Description of Item	**Unit**	**No**	**Length (m)**	**Breadth B1**	**Breadth B2**	**Breadth Avg B**	**Depth (m)**	**Quantity**
	Recorded on : 04-03-2021								
	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., and as per the directions of the Engineer-in-charge of the work								
	2nd Cross maruthi Nagar (Govt. School)	Each BW	1						1.00
								Total executed Quantity	1.00

4/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Executive Engineer,
Sub-division,
BBMP, Bangalore

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 04-03-2021										
Item No.2		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m .complete as per specifications and directions of the Engineer in charge.								
		0 to 50m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

4/2/21
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	Avg B	(m)	
urements Recorded on : 04-03-2021										
m No.3		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge. 50 to 100m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer,
Nagar, Sub-division,
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	Avg B	(m)	
urements Recorded on : 04-03-2021										
m No.4		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 100 to 150m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

4/3/24

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R.Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Range in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 04-03-2021										
Item No.5		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 150 to 200m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

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Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 04-03-2021										
em No.6		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 200 to 250m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE ★ PMC

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

inage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
urements Recorded on : 04-03-2021										
em No.7		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 250 to 300m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Executive Engineer, R.R. Nagar, Sub-division, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
urements Recorded on : 04-03-2021										
em No.8		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 300 to 350m								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

4/3/21

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 04-03-2021										
Item No.9		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and directions of the Engineer in charge 350 to 375m								
		2nd Cross maruthi Nagar	Rmtr	1	25.00					25.00
									Total executed Quantity	25.00

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

tage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
rements Recorded on : 04-03-2021										
n No.10		Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) .complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Rmtr	1	54.00					54.00
									Total executed Quantity	54.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 04-03-2021										
em No.14		Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias..complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Rmtr	1	12.00					12.00
									Total executed Quantity	12.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Executive Engineer,
Sub-division,
BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
...urements Recorded on : 04-03-2021										
...m No.12		Providing MS Casing pipe collars .complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Nos	9						9.00
									Total executed Quantity	9.00

4/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...Executive Engineer,
...Nagar, Sub-division,
...BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE ★ PMC

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	Avg B	(m)	
urements Recorded on : 04-03-2021										
m No.13		Providing 175mm dia ms casing cap .complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		2nd Cross maruthi Nagar	Nos	1.00						1.00
									Total executed Quantity	1.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

ge in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
surements Recorded on : 10-03-2021									
m No.14	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings..complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Unit	1						1.00
								Total executed Quantity	1.00

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

ge in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
ements Recorded on : 10-03-2021									
No.15	Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications..complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Rmtr	54	6.00					324.00
								Total executed Quantity	324.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...ge in m / To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
...rements Recorded on : 10-03-2021									
...No.16	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP 3cx 6.0 Sqm KPWD .complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Rmtr	2	324.00					648.00
								Total executed Quantity	648.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE ★ PMC

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

ge in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
ments Recorded on : 10-03-2021									
No.17	Labour charges for erection of new / repaired submersible pumpset along with gi pipes inculding transportion each length .complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Nos	54						54.00
								Total executed Quantity	54.00

10/3/21

Assistant Executive Engineer
Kodigehalli S.D Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

istant Executive Engineer
Nagar, Sub-division,
L. BBMP, Bangalore

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli S.D Division
BBMP, Bangalore

Page in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021										
Item No.18		Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc.,.complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		20x20x2.5								
		2nd Cross maruthi Nagar	Each	1						1.00
									Total executed Quantity	1.00

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Damage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 10-03-2021										
Item No.19		Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTRUDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group. (4 core 16 Sqmm).complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Rmtr	1	35.00					35.00
									Total executed Quantity	35.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...ge in m / ... To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
...ments Recorded on : 10-03-2021									
... No.20	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) .complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Rmtr	1	35.00					35.00
								Total executed Quantity	35.00

10/3/21

Assistant Executive Engineer
...Division
...Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
BIDL, BBMP, Bangalore

...ractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	Avg B	(m)	
rements Recorded on : 10-03-2021										
m No.21		Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc.,.complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Rmtr	1	35.00					35.00
									Total executed Quantity	35.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer,
Sub-division,
BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PME

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...age in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
...	To				(m)	B1	B2	Avg B	(m)	
...ements Recorded on : 10-03-2021										
...No.22		Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		2nd Cross maruthi Nagar	Rmtr	1	3.00					3.00
									Total executed Quantity	3.00

10/3/21

Assistant ... Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
...R.R. Nagar, Sub-division,
... BBMP, Bangalore

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer

Assistant ... Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 10-03-2021										
Item No.23		Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,.complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		2nd Cross maruthi Nagar	Nos	1						1.00
									Total executed Quantity	1.00

10/2/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
mm	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 10-03-2021										
Item No.24		Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, .complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Nos	1						1.00
									Total executed Quantity	1.00

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division
GKGDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Page in m From / To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021									
Item No.25	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work								
	100 Amps								
	2nd Cross maruthi Nagar	Each	3						3.00
								Total executed Quantity	3.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Range in m From / To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021									
Item No.26	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., .complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Each	6						6.00
								Total executed Quantity	6.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRPDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

...ge in m / To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
...ments Recorded on : 10-03-2021									
...No.27	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc .complete as per specifications and directions of the Engineer in charge.								
	2nd Cross maruthi Nagar	Each	1						1.00
								Total executed Quantity	1.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Page in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021										
Item No.28		Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 .complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		2nd Cross maruthi Nagar	Sqmm	2	220.00	60.00	60.00	60.00		26400.00
			Sqmm	1	450.00	25.00	25.00	25.00		11250.00
									Total executed Quantity	37650.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021										
Item No.29		Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads .complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		2nd Cross maruthi Nagar	Each	1						1.00
									Total executed Quantity	1.00

10/2/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
[illegible] Nagar, Sub-division,
[illegible], BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Page in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021										
Item No.30		Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc..complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		50mm dia								
		2nd Cross maruthi Nagar	No	2						2.00
									Total executed Quantity	2.00

10/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 10-03-2021										
Item No.31		Gate value 50 mm nominal bore gun metal .complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		50mm dia								
		2nd Cross maruthi Nagar	No	3						3.00
									Total executed Quantity	3.00

10/3/21

Asst Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Nagar, Sub-division,
BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Page in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 10-03-2021										
Item No.32		Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter.complete as per specifications and directions of the Engineer in charge.									
		2nd Cross maruthi Nagar	No	1						1.00
									Total executed Quantity	1.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer,
Sub-division,
BBMP, Bangalore

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Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 12-03-2021										
Item No.33		Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications..complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Cum	1	50.00	0.75	0.75	0.75	0.90	33.75
									Total executed Quantity	33.75

12/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
ractor BIDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 12-03-2021										
tem No.34		Sand Filling in Foundation Trenches as per Drawing & Technical SpecificationMORTH .complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Cum	1	50.00	0.75	0.75	0.75	0.15	5.63
									Total executed Quantity	5.63

12/3/21

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
GBDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 15-03-2021										
Item No.35		Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing.complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Rmtr	1	50.00					50.00
									Total executed Quantity	50.00

c4fc 15/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Sub-division,
BBMP, Bangalore

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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
rements Recorded on : 16-03-2021										
tem No.36		Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. .complete as per specifications and directions of the Engineer in charge.								
		2nd Cross maruthi Nagar	Cum	1	50.00	0.75	0.75	0.75	0.90	33.75
		Qty Deduct from item no. 34								-5.63
									Total executed Quantity	28.13

28.12

16/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer,
Nagar, Sub-division,
BBMP, Bangalore

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Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
surements Recorded on : 11-03-2021										
tem No.37		Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No. ebill								**61.36**
		New CC Drain								
		Danalakshmi floor mill road								
		LHS (West Side)								
		From Kodigehalli Main Road To Dead End								
	5		Cum	1	5.10	0.95	0.95	0.95	1.10	5.33
	12		Cum	1	7.20	0.95	0.95	0.95	1.10	7.52
	27		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	42		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	61		Cum	1	19.00	0.95	0.95	0.95	1.10	19.86
	71		Cum	1	9.90	0.95	0.95	0.95	1.10	10.35
	86		Cum	1	14.40	0.95	0.95	0.95	1.10	15.05
	86		Cum	1	0.75	0.95	0.95	0.95	1.10	0.78
	87		Cum	1	0.90	0.95	0.95	0.95	1.10	0.94
		RHS (East Side)								
		From Dead End To Kodigehalli Main Road								
	13		Cum	1	12.80	0.95	0.95	0.95	1.10	13.38
	16		Cum	1	2.80	0.95	0.95	0.95	1.10	2.93
	18		Cum	1	2.20	0.95	0.95	0.95	1.10	2.30
	27		Cum	1	9.10	0.95	0.95	0.95	1.10	9.51
	43		Cum	1	16.00	0.95	0.95	0.95	1.10	16.72
	44		Cum	1	1.40	0.95	0.95	0.95	1.10	1.46
	46		Cum	1	1.25	0.95	0.95	0.95	1.10	1.31
	49		Cum	1	3.10	0.95	0.95	0.95	1.10	3.24
	54	NO WORK	Cum	0	0.00	0.95	0.95	0.95	1.10	0.00
	84		Cum	1	30.00	0.95	0.95	0.95	1.10	31.35
	86		Cum	1	2.15	0.95	0.95	0.95	1.10	2.25
	87		Cum	1	0.60	0.95	0.95	0.95	1.15	0.66
		1st cross road BB Nagar								
		LHS (East Side)								
		From Royal mart to nagaratnamma House								
	15		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	19		Cum	1	3.60	0.95	0.95	0.95	1.10	3.76
	20		Cum	1	1.50	0.95	0.95	0.95	1.10	1.57
	30		Cum	1	9.50	0.95	0.95	0.95	1.10	9.93
	32		Cum	1	2.80	0.95	0.95	0.95	1.10	2.93
	45		Cum	1	12.10	0.95	0.95	0.95	1.10	12.64

222.77

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
From	To				(m)	B1	B2	Avg B	(m)	
	49	CULVERT	Cum	1	0.00	0.95	0.95	0.95	0.00	0.00
	64		Cum	1	15.10	0.95	0.95	0.95	1.10	15.78
	67		Cum	1	2.90	0.95	0.95	0.95	1.10	3.03
	70		Cum	1	3.10	0.95	0.95	0.95	1.10	3.24
		RHS (West Side)								
		From Radamma House To Confident Enterprise								
	15		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	30		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	45		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	60		Cum	1	15.00	0.95	0.95	0.95	1.10	15.68
	67		Cum	1	7.30	0.95	0.95	0.95	1.10	7.63
		Amco Layout								
		3rd Cross Road								
		LHS (East Side)								
		From Ganga Enterprises To Sri Veeranjaneya Swami House								
	9		Cum	1	9.20	0.90	0.90	0.90	1.10	9.11
	13		Cum	1	3.80	0.90	0.90	0.90	1.10	3.76
	27		Cum	1	14.30	0.90	0.90	0.90	1.10	14.16
	48	No Work	Cum	0	0.00	0.00	0.00	0.00	0.65	0.00
	59		Cum	1	10.90	0.90	0.90	0.90	1.15	11.28
	72		Cum	1	13.00	0.90	0.90	0.90	1.15	13.46
		RHS (West Side)								
		From Impact Collage Road To Ganga Enterprises								
	15		Cum	1	15.00	0.90	0.90	0.90	1.15	15.53
	30		Cum	1	15.00	0.90	0.90	0.90	1.15	15.53
	36		Cum	1	6.00	0.90	0.90	0.90	1.15	6.21
	42		Cum	1	6.20	0.90	0.90	0.90	1.10	6.14
	44		Cum	1	1.90	0.90	0.90	0.90	1.10	1.88
	52		Cum	1	7.60	0.90	0.90	0.90	1.10	7.52
	54		Cum	1	1.80	0.90	0.90	0.90	1.10	1.78
	60		Cum	1	6.20	0.90	0.90	0.90	1.10	6.14
	82		Cum	1	22.60	0.90	0.90	0.90	1.10	22.37
	97		Cum	1	14.30	0.90	0.90	0.90	1.10	14.16

241.40

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

nage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
		Culverts								
		1st cross road BB Nagar								
			Cum	1	4.40	1.80	1.80	1.80	1.15	9.11
		For CC Road								
		Kodigehalli								
		1st cross road BB Nagar								
		From royal Mart to BDA Park								
	0.9		Cum	1	0.90	4.50	4.60	4.55	0.30	1.23
	15		Cum	1	14.10	5.60	5.65	5.63	0.30	23.79
	30		Cum	1	15.00	5.70	5.00	5.35	0.30	24.08
	43.9		Cum	1	13.90	5.00	5.65	5.33	0.30	22.21
	60		Cum	1	16.10	5.25	4.65	4.95	0.30	23.91
	69.1		Cum	1	9.10	4.65	5.00	4.83	0.30	13.17
	72.1	Culvert break	Cum	1	0.00	0.00	0.00	0.00	0.30	0.00
	73.5		Cum	1	1.40	4.80	4.90	4.85	0.30	2.04
	78.6		Cum	1	5.10	4.00	4.85	4.43	0.30	6.77
	87.9		Cum	1	9.30	4.50	4.00	4.25	0.30	11.86
	90.1		Cum	1	2.20	5.20	5.10	5.15	0.30	3.40
	99.5		Cum	1	9.40	3.70	3.30	3.50	0.30	9.87
	109		Cum	1	9.50	4.75	4.40	4.58	0.30	13.04
		Shre Lakshmi Narasihma prasana road								
		From 1st Cross Road to Dead End (West to East Side)								
	11.3		Cum	1	11.30	3.75	3.55	3.65	0.30	12.37
	13.4		Cum	1	2.10	2.85	2.85	2.85	0.30	1.80
	18.5		Cum	1	5.10	3.45	3.00	3.23	0.30	4.93
	19.7		Cum	1	1.20	2.65	2.60	2.63	0.30	0.94
	35.1		Cum	1	15.40	3.20	3.25	3.23	0.30	14.90
		Narasimha swamy nilaya road								
		From 1st Cross Road to Dead End (West to East Side)								
	0.3		Cum	1	0.3	2.95	3.4	3.175	0.30	0.29
	12.1		Cum	1	11.8	3.3	3.85	3.575	0.30	12.66
	12.6		Cum	1	0.5	3.6	3.6	3.6	0.30	0.54
	15.2		Cum	1	2.6	3.1	3.2	3.15	0.30	2.46
	16.2		Cum	1	1	3.8	3.8	3.8	0.30	1.14
	17.7		Cum	1	1.5	3.6	3.75	3.675	0.30	1.65
	18.4		Cum	1	0.7	3	3	3	0.30	0.63
	21.3		Cum	1	2.9	2.65	2.2	2.425	0.30	2.11
	25		Cum	1	3.7	3.2	3.7	3.45	0.30	3.83
	27.2		Cum	1	2.2	4.6	4.6	4.6	0.30	3.04

227.75

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

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Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
		Deduction								
		Ugd Chember	Cum	-2	0.63585				0.30	-0.38
					Area of circle=(3.14X0.9²)/4=~~0.79~~					
								0.635		
			Cum	-1	0.44156				0.30	-0.13
					Area of					
		Chember								
			Cum	-3	0.5	0.5	0.5	0.5	0.30	-0.23
									TOTAL	752.53

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Page in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 20-03-2021										
Item No.38		Providing and filling in foundation with granite / trap broken metal 100mm, and downsize and with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all leaed and lift.,, complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No. e bill								**12.27**
		Danalakshmi floor mill road								
		LHS (West Side)								
		From Kodigehalli Main Road To Dead End								
	5.1		Cum	1	5.10	0.95	0.95	0.95	0.15	0.73
	12.3		Cum	1	7.20	0.95	0.95	0.95	0.15	1.03
	27.3		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	42.3		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	61.3		Cum	1	19.00	0.95	0.95	0.95	0.15	2.71
	71.2		Cum	1	9.90	0.95	0.95	0.95	0.15	1.41
	85.6		Cum	1	14.40	0.95	0.95	0.95	0.15	2.05
	86.35		Cum	1	0.75	0.95	0.95	0.95	0.15	0.11
	87.25		Cum	1	0.90	0.95	0.95	0.95	0.15	0.13
		RHS (East Side)								
		From Dead End To Kodigehalli Main Road								
	12.8		Cum	1	12.80	0.95	0.95	0.95	0.15	1.82
	15.6		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40
	17.8		Cum	1	2.20	0.95	0.95	0.95	0.15	0.31
	26.9		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30
	42.9		Cum	1	16.00	0.95	0.95	0.95	0.15	2.28
	44.3		Cum	1	1.40	0.95	0.95	0.95	0.15	0.20
	45.55		Cum	1	1.25	0.95	0.95	0.95	0.15	0.18
	48.65		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44
	54.15	NO WORK	Cum	0	0.00	0.95	0.95	0.95	0.15	0.00
	84.15		Cum	1	30.00	0.95	0.95	0.95	0.15	4.28
	86.3		Cum	1	2.15	0.95	0.95	0.95	0.15	0.31
	86.9		Cum	1	0.60	0.95	0.95	0.95	0.15	0.09
		1st cross road BB Nagar								
		LHS (East Side)								
		From Royal mart to nagaratnamma House								
	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	18.6		Cum	1	3.60	0.95	0.95	0.95	0.15	0.51
	20.1		Cum	1	1.50	0.95	0.95	0.95	0.15	0.21
	29.6		Cum	1	9.50	0.95	0.95	0.95	0.15	1.35
	32.4		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40
	44.5		Cum	1	12.10	0.95	0.95	0.95	0.15	1.72

30.37

Assistant Executive Engineer, Sub-division, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer, Kodigehalli Sub Division BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
45	48.9	CULVERT	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00
49	64		Cum	1	15.10	0.95	0.95	0.95	0.15	2.15
4	66.9		Cum	1	2.90	0.95	0.95	0.95	0.15	0.41
69	70		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44
		RHS (West Side)								
		From Radamma House To Confident Enterprise								
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
5	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
30	45		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
45	60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
60	67.3		Cum	1	7.30	0.95	0.95	0.95	0.15	1.04
		Amco Layout								
		3rd Cross Road								
		LHS (East Side)								
		From Ganga Enterprises To Sri Veeranjaneya Swami House								
0	9.2		Cum	1	9.20	0.90	0.90	0.90	0.15	1.24
3	13		Cum	1	3.80	0.90	0.90	0.90	0.15	0.51
7	27.3		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93
43	48.3	No Work	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00
59	59.2		Cum	1	10.90	0.90	0.90	0.90	0.15	1.47
72	72.2		Cum	1	13.00	0.90	0.90	0.90	0.15	1.76
		RHS (West Side)								
		From Impact Collage Road To Ganga Enterprises								
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03
30	36		Cum	1	6.00	0.90	0.90	0.90	0.15	0.81
36	42.2		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84
42	44.1		Cum	1	1.90	0.90	0.90	0.90	0.15	0.26
41	51.7		Cum	1	7.60	0.90	0.90	0.90	0.15	1.03
51.7	53.5		Cum	1	1.80	0.90	0.90	0.90	0.15	0.24
55	59.7		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84
74.7	82.3		Cum	1	22.60	0.90	0.90	0.90	0.15	3.05
23	96.6		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93
		Culverts								
		1st cross road BB Nagar								
			Cum	1	4.40	1.80	1.80	1.80	0.15	1.19
									TOTAL	76.38

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

22/3/21

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 24-03-2021										
Item No.39		Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No.								**12.27**
		Danalakshmi floor mill road								
		LHS (West Side)								
		From Kodigehalli Main Road To Dead End								
	5		Cum	1	5.10	0.95	0.95	0.95	0.15	0.73
	12		Cum	1	7.20	0.95	0.95	0.95	0.15	1.03
	27		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	42		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	61		Cum	1	19.00	0.95	0.95	0.95	0.15	2.71
	71		Cum	1	9.90	0.95	0.95	0.95	0.15	1.41
	86		Cum	1	14.40	0.95	0.95	0.95	0.15	2.05
	86		Cum	1	0.75	0.95	0.95	0.95	0.15	0.11
	87		Cum	1	0.90	0.95	0.95	0.95	0.15	0.13
		RHS (East Side)								
		From Dead End To Kodigehalli Main Road								
	13		Cum	1	12.80	0.95	0.95	0.95	0.15	1.82
	16		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40
	18		Cum	1	2.20	0.95	0.95	0.95	0.15	0.31
	27		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30
	43		Cum	1	16.00	0.95	0.95	0.95	0.15	2.28
	44		Cum	1	1.40	0.95	0.95	0.95	0.15	0.20
	46		Cum	1	1.25	0.95	0.95	0.95	0.15	0.18
	49		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44
	54	NO WORK	Cum	0	0.00	0.95	0.95	0.95	0.15	0.00
	84		Cum	1	30.00	0.95	0.95	0.95	0.15	4.28
	86		Cum	1	2.15	0.95	0.95	0.95	0.15	0.31
	87		Cum	1	0.60	0.95	0.95	0.95	0.15	0.09
		1st cross road BB Nagar								
		LHS (East Side)								
		From Royal mart to nagaratnamma House								
	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	19		Cum	1	3.60	0.95	0.95	0.95	0.15	0.51
	20		Cum	1	1.50	0.95	0.95	0.95	0.15	0.21
	30		Cum	1	9.50	0.95	0.95	0.95	0.15	1.35
	32		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40

40.92

Assistant Executive Engineer, Contractor R. Nagar, Sub-division, KRIDL, BBMP, Bangalore.

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
	45		Cum	1	12.10	0.95	0.95	0.95	0.15	1.72
	49	CULVERT	Cum	1	0.00	0.95	0.95	0.95	0.15	0.00
	64		Cum	1	15.10	0.95	0.95	0.95	0.15	2.15
	67		Cum	1	2.90	0.95	0.95	0.95	0.15	0.41
	70		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44
		RHS (West Side)								
		From Radamma House To Confident Enterprise								
	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	45		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14
	67		Cum	1	7.30	0.95	0.95	0.95	0.15	1.04
		3rd Layout								
		3rd Cross Road								
		LHS (East Side)								
		From Ganga Enterprises To Sri Veeranjaneya Swami House								
	9		Cum	1	9.20	0.90	0.90	0.90	0.15	1.24
	13		Cum	1	3.80	0.90	0.90	0.90	0.15	0.51
	27		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93
	48	No Work	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00
	59		Cum	1	10.90	0.90	0.90	0.90	0.15	1.47
	72		Cum	1	13.00	0.90	0.90	0.90	0.15	1.76
		RHS (West Side)								
		From Impact Collage Road To Ganga Enterprises								
	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03
	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03
	36		Cum	1	6.00	0.90	0.90	0.90	0.15	0.81
	42		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84
	44		Cum	1	1.90	0.90	0.90	0.90	0.15	0.26
	52		Cum	1	7.60	0.90	0.90	0.90	0.15	1.03
	54		Cum	1	1.80	0.90	0.90	0.90	0.15	0.24
	60		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84
	82		Cum	1	22.60	0.90	0.90	0.90	0.15	3.05
	97		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93
		Culverts								
		1st cross road BB Nagar								
			Cum	1	4.40	1.80	1.80	1.80	0.15	1.19

35.46

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
From	To				(m)	B1	B2	Avg B	(m)	
		For CC Road								
		Kodigehalli								
		1st cross road BB Nagar								
		From royal Mart to BDA Park								
0	0.9		Cum	1	0.90	4.50	4.60	4.55	0.15	0.61
1	15		Cum	1	14.10	5.60	5.65	5.63	0.15	11.90
15	30		Cum	1	15.00	5.70	5.00	5.35	0.15	12.04
30	43.9		Cum	1	13.90	5.00	5.65	5.33	0.15	11.10
44	60		Cum	1	16.10	5.25	4.65	4.95	0.15	11.95
60	69.1		Cum	1	9.10	4.65	5.00	4.83	0.15	6.59
69	72.1	Culvert break	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00
72	73.5		Cum	1	1.40	4.80	4.90	4.85	0.15	1.02
74	78.6		Cum	1	5.10	4.00	4.85	4.43	0.15	3.39
79	87.9		Cum	1	9.30	4.50	4.00	4.25	0.15	5.93
88	90.1		Cum	1	2.20	5.20	5.10	5.15	0.15	1.70
90	99.5		Cum	1	9.40	3.70	3.30	3.50	0.15	4.94
100	109		Cum	1	9.50	4.75	4.40	4.58	0.15	6.52
		Shre Lakshmi Narasihma prasana road								
		From 1st Cross Road to Dead End (West to East Side)								
0	11.3		Cum	1	11.30	3.75	3.55	3.65	0.15	6.19
11	13.4		Cum	1	2.10	2.85	2.85	2.85	0.15	0.90
13	18.5		Cum	1	5.10	3.45	3.00	3.23	0.15	2.47
19	19.7		Cum	1	1.20	2.65	2.60	2.63	0.15	0.47
20	35.1		Cum	1	15.40	3.20	3.25	3.23	0.15	7.45
		Narasimha Swamy nilaya road								
		From 1st Cross Road to Dead End (West to East Side)								
0	0.3		Cum	1	0.30	2.95	3.40	3.18	0.15	0.14
0	12.1		Cum	1	11.80	3.30	3.85	3.58	0.15	6.33
12	12.6		Cum	1	0.50	3.60	3.60	3.60	0.15	0.27
13	15.2		Cum	1	2.60	3.10	3.20	3.15	0.15	1.23
15	16.2		Cum	1	1.00	3.80	3.80	3.80	0.15	0.57
16	17.7		Cum	1	1.50	3.60	3.75	3.68	0.15	0.83
18	18.4		Cum	1	0.70	3.00	3.00	3.00	0.15	0.32
18	21.3		Cum	1	2.90	2.65	2.20	2.43	0.15	1.05
21	25		Cum	1	3.70	3.20	3.70	3.45	0.15	1.91
25	27.2		Cum	1	2.20	4.60	4.60	4.60	0.15	1.52

109.32

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
		Deduction								
		Ugd Chember	Cum	-2	0.64				0.15	-0.19
					Area of circle=(3.14X0.9²)/4=0.79					
			Cum	-1	0.44				0.15	-0.07
					Area of circle=(3.14X0.75²)/4=0.79					
		Chember								
			Cum	-3	0.50	0.50	0.50	0.50	0.15	-0.11
									TOTAL	185.33

24/3/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
mm	To				(m)	B1	B2	Avg B	(m)	
asurements Recorded on : 08-04-2021										
tem No.40		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No.								**357.60**
		Danalakshmi floor mill road								
		LHS (West Side)								
		From Kodigehalli Main Road To Dead End								
0	5		Sqm	2	5.10				0.65	6.63
5	12		Sqm	2	7.20				0.65	9.36
2	27		Sqm	2	15.00				0.65	19.50
7	42		Sqm	2	15.00				0.65	19.50
2	61		Sqm	2	19.00				0.65	24.70
3	71		Sqm	2	9.90				0.65	12.87
1	86		Sqm	2	14.40				0.65	18.72
6	86		Sqm	2	0.75				0.65	0.98
6	87		Sqm	2	0.90				0.65	1.17
		RHS (East Side)								
		From Dead End To Kodigehalli Main Road								
0	13		Sqm	2	12.80				0.65	16.64
3	16		Sqm	2	2.80				0.65	3.64
6	18		Sqm	2	2.20				0.65	2.86
8	27		Sqm	2	9.10				0.65	11.83
7	43		Sqm	2	16.00				0.65	20.80
3	44		Sqm	2	1.40				0.65	1.82
4	46		Sqm	2	1.25				0.65	1.63
6	49		Sqm	2	3.10				0.65	4.03
9	54	NO WORK	Sqm	0	5.50				0.65	0.00
4	84		Sqm	2	30.00				0.65	39.00
4	86		Sqm	2	2.15				0.65	2.80
6	87		Sqm	2	0.60				0.70	0.84
		1st cross road BB Nagar								
		LHS (East Side)								
		From Royal mart to nagaratnamma House								
0	15		Sqm	2	15.00				0.65	19.50
5	19		Sqm	2	3.60				0.65	4.68
9	20		Sqm	2	1.50				0.65	1.95
20	30		Sqm	2	9.50				0.65	12.35
30	32		Sqm	2	2.80				0.65	3.64
32	45		Sqm	2	12.10				0.65	15.73

634.76

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Image in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
	49	CULVERT	Sqm	2	0.00				0.65	0.00
	64		Sqm	2	15.10				0.65	19.63
	67		Sqm	2	2.90				0.65	3.77
	70		Sqm	2	3.10				0.65	4.03
		RHS (West Side)								
		From Radamma House To Confident Enterprise								
	15		Sqm	2	15.00				0.65	19.50
	30		Sqm	2	15.00				0.65	19.50
	45		Sqm	2	15.00				0.65	19.50
	60		Sqm	2	15.00				0.65	19.50
	67		Sqm	2	7.30				0.65	9.49
		Amco Layout								
		3rd Cross Road								
		LHS (East Side)								
		From Ganga Enterprises To Sri Veeranjaneya Swami House								
	9		Sqm	2	9.20				0.65	11.96
	13		Sqm	2	3.80				0.65	4.94
	27		Sqm	2	14.30				0.65	18.59
	48	No Work	Sqm	0	21.00				0.65	0.00
	59		Sqm	2	10.90				0.70	15.26
	72		Sqm	2	13.00				0.70	18.20
		RHS (West Side)								
		From Impact Collage Road To Ganga Enterprises								
	15		Sqm	2	15.00				0.70	21.00
	30		Sqm	2	15.00				0.70	21.00
	36		Sqm	2	6.00				0.70	8.40
	42		Sqm	2	6.20				0.65	8.06
	44		Sqm	2	1.90				0.65	2.47
	52		Sqm	2	7.60				0.65	9.88
	54		Sqm	2	1.80				0.65	2.34
	60		Sqm	2	6.20				0.65	8.06
	82		Sqm	2	22.60				0.65	29.38
	97		Sqm	2	14.30				0.65	18.59
		Culverts								
		Bottom Raft								
		1st cross road BB Nagar								
			Sqm	2	4.40				0.65	5.72
									TOTAL	953.53

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity
Measurements Recorded on : 03-04-2021										
Item No.41		Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No. 49/2 – 49/3								**2.34**
		For Drain	Tonne	From Steel Calculation Sheet						9.13
		For Culvert	Tonne	From Steel Calculation Sheet						0.44
									TOTAL	11.92

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli

PRE MEASUREMENT SHEET

SECOND AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item No.41	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
Measurements Taken On;		**03-04-21**							
	Present Bill Measurements								
	For RCC Drain								
	Danalakshmi floor mill road								
	LHS (West Side)								
	From Kodigehalli Main Road To Dead End								
	Main Bars (#10@150 c/c)	1	10	582	582	2.35	1366.92	0.62	842.76
	Distribution(16-#10)	1	10	16	16	87.25	1380.60	0.62	851.19
	RHS (East Side)								
	From Dead End To Kodigehalli Main Road								
	Main Bars (#10@150 c/c)	1	10	543	543	2.35	1275.27	0.62	786.25
	Distribution(16-#10)	1	10	16	16	81.40	1288.04	0.62	794.12
	1st cross road BB Nagar								
	LHS (East Side)								
	From Royal mart to nagaratnamma House								
	Main Bars (#10@150 c/c)	1	10	437	437	2.35	1027.73	0.62	633.64
	Distribution(16-#10)	1	10	16	16	65.60	1038.02	0.62	639.98
	RHS (West Side)								
	From Radamma House To Confident Enterprise								
	Main Bars (#10@150 c/c)	1	10	449	449	2.35	1054.37	0.62	650.06
	Distribution(16-#10)	1	10	16	16	67.30	1064.92	0.62	656.57

5854.56

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

09/2

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	Amco Layout								
	3rd Cross Road								
	LHS (East Side)								
	From Ganga Enterprises To Sri Veeranjaneya Swami House								
	Main Bars (#10@150 c/c)	1	10	341	341	2.35	802.13	0.62	494.55
	Distribution(16-#10)	1	10	16	16	51.20	810.16	0.62	499.50
	RHS (West Side)								
	From Impact Collage Road To Ganga Enterprises								
	Main Bars (#12@150 c/c)	1	12	644	644	2.35	1513.40	0.89	1343.62
	Distribution(16-#10)	1	10	16	16	96.60	1528.55	0.62	942.41
								QTY IN KG'S	**9134.63**
								QTY IN TONNE	**9.13**
	For Culvert								
	11thA main Road								
	16# @140 c/c main bars	1	16	31	31	6.00	188.57	1.58	297.63
	10# @160 c/c Distrubution bars	1	12	38	38	4.40	165.00	0.89	146.49
								QTY IN KG'S	**444.12**
								QTY IN TONNE	**0.44**
								TOTAL QTY IN KG'S	**9578.75**
								TOTAL QTY IN TONNE	**9.58**

3280.07

9.57

31/1/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
BBMP, Bangalore

RUDRA ROAD CONSULTANTS
BANGALORE

Contractor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage in m		Description of Item	Unit	No	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	Avg B	(m)	
Measurements Recorded on : 11-03-2021										
Item No.49		Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
		Qty Recorded in first And Part Bill (Pg No.								**52.15**
		85% of Qty Vide From item no. 39	Cum	0.85	685.05					582.29
									TOTAL	634.45

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli

EMB

Second and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

SECOND AND FINAL BILL

me Of Work	Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli
timated Cost	Rs. 75.00 Lakhs
b Number	008-20-000002
ead of Account	P3727 SC-SP/TSP Mukyamantrigala Nava Bengaluru Yojane
me Of Agency	Executive Engineer, Karnataka Rural Infrastructure development Ltd,
f No	BBMP/EE/BTP/WO/156/2019-20
easurements taken on :	15-05-21

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.1		Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 1								1.00		
										Total executed Qty	**1.00**	
										Now to be paid	**1.00**	**1938.46**	**1939.00**
Item No.2		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
		0 to 50m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 2								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**315.18**	**15759.00**
Item No.3		Do 50 to 100m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 3								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**412.00**	**20600.00**
Item No.4		Do 100 to 150m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 4								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**458.35**	**22918.00**
Item No.5		Do 150 to 200m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 5								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**484.10**	**24205.00**

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.6		Do 200 to 250m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 6								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**560.32**	**28016.00**
Item No.7		Do 250 to 300m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 7								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**600.49**	**30025.00**
Item No.8		Do 300 to 350m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 8								50.00		
										Total executed Qty	**50.00**	
										Now to be paid	**50.00**	**640.66**	**32033.00**
Item No.9		Do 350 to 375m										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 9								25.00		
										Total executed Qty	**25.00**	
										Now to be paid	**25.00**	**698.07**	**17452.00**
Item No.10		Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 10								54.00		
										Total executed Qty	**54.00**	
										Now to be paid	**54.00**	**1325.00**	**71550.00**
Item No.11		Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias..complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 11								12.00		
										Total executed Qty	**12.00**	
										Now to be paid	**12.00**	**2175.12**	**26102.00**
Item No.12		Providing MS Casing pipe collars complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Nos									
		Vide Total executed Quantity from premeasuremet Page no. 12								9.00		
										Total executed Qty	**9.00**	
										Now to be paid	**9.00**	**150.00**	**1350.00**
Item No.13		Providing 175mm dia ms casing cap .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Nos									
		Vide Total executed Quantity from premeasuremet Page no. 13								1.00		
										Total executed Qty	**1.00**	
										Now to be paid	**1.00**	**100.00**	**100.00**

Assistant Executive Engineer, K.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRA ROAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer Kodigehalli Sub Division BBMP

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.14		Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings..complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Unit									
		Vide Total executed Quantity from premeasuremet Page no. 14								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**72126.00**	**72126.00**
Item No.15		Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications..complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 15								324.00		
									Total executed Qty	**324.00**		
									Tender Quantity	**320.00**		
									Qty upto 125%	**324.00**	**542.72**	**175842.00**
Item No.16		Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP 3cx 6.0 Sqm KPWD .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 16								648.00		
									Total executed Qty	**648.00**		
									Tender Quantity	**640.00**		
									Qty upto 125%	**648.00**	**188.70**	**122278.00**
Item No.17		Labour charges for erection of new / repaired submersible pumpset along with gi pipes inculding transportion each length .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Nos									
		Vide Total executed Quantity from premeasuremet Page no. 17								54.00		
									Total executed Qty	**54.00**		
									Tender Quantity	**50.00**		
									Qty upto 125%	**54.00**	**88.00**	**4752.00**
Item No.18		Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc.,.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 18								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**302.00**	**302.00**
Item No.19		Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTRUDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group. (4 core 16 Sqmm).complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 19								35.00		
									Total executed Qty	**35.00**		
									Now to be paid	**35.00**	**140.40**	**4914.00**

Assistant Executive Engineer, R.R.Nagar, Sub-division, KRIDL, BEMP

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.20		Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 20								35.00		
									Total executed Qty	**35.00**		
									Now to be paid	**35.00**	**10.80**	**378.00**
Item No.21		Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc.,.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 21								35.00		
									Total executed Qty	**35.00**		
									Tender Quantity	**30.00**		
									Qty upto 125%	**35.00**	**117.00**	**4095.00**
Item No.22		Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 22								3.00		
									Total executed Qty	**3.00**		
									Now to be paid	**3.00**	**345.00**	**1035.00**
Item No.23		Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Nos									
		Vide Total executed Quantity from premeasuremet Page no. 23								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**280.00**	**280.00**
Item No.24		Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Nos									
		Vide Total executed Quantity from premeasuremet Page no. 24								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**2727.00**	**2727.00**
Item No.25		Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 25								3.00		
									Total executed Qty	**3.00**		
									Now to be paid	**3.00**	**360.00**	**1080.00**
Item No.26		Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 26								6.00		
									Total executed Qty	**6.00**		
									Now to be paid	**6.00**	**86.00**	**516.00**

Assistant Executive Engineer, KRR. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRA ENGINEERING CONSULTANTS BANGALORE PMC

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Linage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.27		Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 27								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**1547.00**	**1547.00**
Item No.28		Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqmm									
		Vide Total executed Quantity from premeasuremet Page no. 28								37650.00		
									Total executed Qty	**37650.00**		
									Now to be paid	**37650.00**	**0.33**	**12425.00**
Item No.29		Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Each									
		Vide Total executed Quantity from premeasuremet Page no. 29								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**1409.80**	**1410.00**
Item No.30		Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc..complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			No									
		Vide Total executed Quantity from premeasuremet Page no. 30								2.00		
									Total executed Qty	**2.00**		
									Now to be paid	**2.00**	**222.60**	**446.00**
Item No.31		Gate value 50 mm nominal bore gun metal .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			No									
		Vide Total executed Quantity from premeasuremet Page no. 31								3.00		
									Total executed Qty	**3.00**		
									Now to be paid	**3.00**	**1398.31**	**4195.00**
Item No.32		Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			No									
		Vide Total executed Quantity from premeasuremet Page no. 32								1.00		
									Total executed Qty	**1.00**		
									Now to be paid	**1.00**	**10000.00**	**10000.00**

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Asstant PMC Assistant Engineer

Assistant Executive Engineer Kodigehalli Sub Division

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.33		Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications..complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 33								33.75		
									Total executed Qty	**33.75**		
									Now to be paid	**33.75**	**263.94**	**8908.00**
Item No.34		Sand Filling in Foundation Trenches as per Drawing & Technical SpecificationMORTH .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 34								5.63		
									Total executed Qty	**5.63**		12293.
									Now to be paid	**5.63**	**2183.60**	**12283.00**
Item No.35		Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing.complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Rmtr									
		Vide Total executed Quantity from premeasuremet Page no. 35								50.00		
									Total executed Qty	**50.00**		
									Now to be paid	**50.00**	**249.10**	**12455.00**
Item No.36		Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. .complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 36								28.13		
									Total executed Qty	**28.13**		2265.00
									28.12 **Now to be paid**	28.12 **28.13**	80.56	**2266.00**
Item No.37		Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 37 to 40								752.53		
									Total Executed Qty	**752.53**		
									Tender Qty	**791.13**	1853	131142.00
									DPQ Paid in 1st Bill No.One Pg. No.	**61.36**		131144.00
									691.17 **Now to be paid**	**691.18**	**189.74**	**131144.00**
Item No.38		Providing and filling in foundation with granite / trap broken metal 100mm, and downsize and with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all leaed and lift.,, complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 41 to 42								76.38		
									Total Executed Qty	**76.38**		
									Tender Qty	**72.72**		
									DPQ Paid in 1st Bill No.One Pg. No.	**12.27**		165066.00
									Now to be paid	**64.11**	**2574.74**	**165072.00**
Item No.39		Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no. 43 to 46								185.33		
									Total Executed Qty	**185.33**		
									Tender Qty	**181.16**		
									Qty upto 125%	**185.33**		
									DPQ Paid in 1st Bill No.One Pg. No.	**12.27**		935729.00
									Now to be paid	**173.06**	**5408.12**	**935945.00**

Assistant Executive Engineer R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

PUSHPA PRASAD CONSULTANTS BANGALORE

Contractor RMC

Assistant Engineer

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount
Item No.40		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfac... such as walls of any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as ... as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no. 47 to 48								953.53		
		Total Executed Qty								**953.53**		
		Tender Qty								**758.40**		
		Qty upto 125%								**948.00**		
		DPQ Paid in 1st Bill No.One Pg. No.								**357.60**		
		Now to be Paid Qty upto 125%								**590.40**	**379.48**	**224045.00**
		Qty Above 125%								**5.53**		2098.00
		Now to be Paid Qty above 125%								**5.53**	**379.43**	**2097.00**
Item No.41		Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Tonne									
		Vide Total executed Quantity from premeasuremet Page no. 49								11.92		
		Total Executed Qty								**11.92**		
		Tender Qty								**12.53**		720197.00
		DPQ Paid in 1st Bill No.One Pg. No.								**2.34**		720197.00
		Now to be paid								**9.58**	**75255.76**	**720856.00**
Item No.42		Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. complete as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Qty Recorded in first And Part Bill (Pg No.								**39.09**		
		Present Executed										
		Bottom Raft										
		Danalakshmi floor mill road										
		LHS (West Side)										
		From Kodigehalli Main Road To Dead End										
0	5.1		Cum	1	5.10	0.95	0.95	0.95	0.15	0.73		
5.1	12.3		Cum	1	7.20	0.95	0.95	0.95	0.15	1.03		
12.3	27.3		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
27.3	42.3		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
42.3	61.3		Cum	1	19.00	0.95	0.95	0.95	0.15	2.71		
61.3	71.2		Cum	1	9.90	0.95	0.95	0.95	0.15	1.41		
71.2	85.6		Cum	1	14.40	0.95	0.95	0.95	0.15	2.05		
85.6	86.35		Cum	1	0.75	0.95	0.95	0.95	0.15	0.11		
86.35	87.25		Cum	1	0.90	0.95	0.95	0.95	0.15	0.13		
		RHS (East Side)										
		From Dead End To Kodigehalli Main Road										
0	12.8		Cum	1	12.80	0.95	0.95	0.95	0.15	1.82		
12.8	15.6		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40		
15.6	17.8		Cum	1	2.20	0.95	0.95	0.95	0.15	0.31		
17.8	26.9		Cum	1	9.10	0.95	0.95	0.95	0.15	1.30		
26.9	42.9		Cum	1	16.00	0.95	0.95	0.95	0.15	2.28		
42.9	44.3		Cum	1	1.40	0.95	0.95	0.95	0.15	0.20		
44.3	45.55		Cum	1	1.25	0.95	0.95	0.95	0.15	0.18		
45.55	48.65		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44		
48.65	54.15	NO WORK	Cum	0	0.00	0.95	0.95	0.95	0.15	0.00		
54.15	84.15		Cum	1	30.00	0.95	0.95	0.95	0.15	4.28		

2369

S.E. Gen. Cell

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
84.15	86.3		Cum	1	2.15	0.95	0.95	0.95	0.15	0.31		
86.3	86.9		Cum	1	0.60	0.95	0.95	0.95	0.15	0.09		
		1st cross road BB Nagar										
		LHS (East Side)										
		From Royal mart to nagaratnamma House										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	18.6		Cum	1	3.60	0.95	0.95	0.95	0.15	0.51		
18.6	20.1		Cum	1	1.50	0.95	0.95	0.95	0.15	0.21		
20.1	29.6		Cum	1	9.50	0.95	0.95	0.95	0.15	1.35		
29.6	32.4		Cum	1	2.80	0.95	0.95	0.95	0.15	0.40		
32.4	44.5		Cum	1	12.10	0.95	0.95	0.95	0.15	1.72		
44.5	48.9	CULVERT	Cum	1	0.00	0.95	0.95	0.95	0.00	0.00		
48.9	64		Cum	1	15.10	0.95	0.95	0.95	0.15	2.15		
64	66.9		Cum	1	2.90	0.95	0.95	0.95	0.15	0.41		
66.9	70		Cum	1	3.10	0.95	0.95	0.95	0.15	0.44		
		RHS (West Side)										
		From Radamma House To Confident Enterprise										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30	45		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
45	60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
60	67.3		Cum	1	7.30	0.95	0.95	0.95	0.15	1.04		
		Amco Layout										
		3rd Cross Road										
		LHS (East Side)										
		From Ganga Enterprises To Sri Veeranjaneya Swami House										
0	9.2		Cum	1	9.20	0.90	0.90	0.90	0.15	1.24		
9.2	13		Cum	1	3.80	0.90	0.90	0.90	0.15	0.51		
13	27.3		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93		
27.3	48.3	No Work	Cum	0	0.00	0.00	0.00	0.00	0.00	0.00		
48.3	59.2		Cum	1	10.90	0.90	0.90	0.90	0.15	1.47		
59.2	72.2		Cum	1	13.00	0.90	0.90	0.90	0.15	1.76		
		RHS (West Side)										
		From Impact Collage Road To Ganga Enterprises										
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
30	36		Cum	1	6.00	0.90	0.90	0.90	0.15	0.81		
36	42.2		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84		
42.2	44.1		Cum	1	1.90	0.90	0.90	0.90	0.15	0.26		
44.1	51.7		Cum	1	7.60	0.90	0.90	0.90	0.15	1.03		
51.7	53.5		Cum	1	1.80	0.90	0.90	0.90	0.15	0.24		
53.5	59.7		Cum	1	6.20	0.90	0.90	0.90	0.15	0.84		
59.7	82.3		Cum	1	22.60	0.90	0.90	0.90	0.15	3.05		
82.3	96.6		Cum	1	14.30	0.90	0.90	0.90	0.15	1.93		
		Side Wall										
		Danalakshmi floor mill road										
		LHS (West Side)										
		From Kodigehalli Main Road To Dead End										
0	5.1		Cum	2	5.10	0.15	0.15	0.15	0.65	0.99		
5.1	12.3		Cum	2	7.20	0.15	0.15	0.15	0.65	1.40		
12.3	27.3		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
27.3	42.3		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
42.3	61.3		Cum	2	19.00	0.15	0.15	0.15	0.65	3.71		
61.3	71.2		Cum	2	9.90	0.15	0.15	0.15	0.65	1.93		

53.17

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
R.R.Nagar, Sub Division
KRIDL, BBMP, Bangalore

ROAD CONSULTANTS BANGALORE

ractor PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

ainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
71.2	85.6		Cum	2	14.40	0.15	0.15	0.15	0.65	2.81		
85.6	86.35		Cum	2	0.75	0.15	0.15	0.15	0.65	0.15		
86.35	87.25		Cum	2	0.90	0.15	0.15	0.15	0.65	0.18		
		RHS (East Side)										
		From Dead End To Kodigehalli Main Road										
0	12.8		Cum	2	12.80	0.15	0.15	0.15	0.65	2.50		
12.8	15.6		Cum	2	2.80	0.15	0.15	0.15	0.65	0.55		
15.6	17.8		Cum	2	2.20	0.15	0.15	0.15	0.65	0.43		
17.8	26.9		Cum	2	9.10	0.15	0.15	0.15	0.65	1.77		
26.9	42.9		Cum	2	16.00	0.15	0.15	0.15	0.65	3.12		
42.9	44.3		Cum	2	1.40	0.15	0.15	0.15	0.65	0.27		
44.3	45.55		Cum	2	1.25	0.15	0.15	0.15	0.65	0.24		
45.55	48.65		Cum	2	3.10	0.15	0.15	0.15	0.65	0.60		
48.65	54.15	NO WORK	Cum	0	5.50	0.15	0.15	0.15	0.65	0.00		
54.15	84.15		Cum	2	30.00	0.15	0.15	0.15	0.65	5.85		
84.15	86.3		Cum	2	2.15	0.15	0.15	0.15	0.65	0.42		
86.3	86.9		Cum	2	0.60	0.15	0.15	0.15	0.70	0.13		
		1st cross road BB Nagar										
		LHS (East Side)										
		From Royal mart to nagaratnamma House										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
15	18.6		Cum	2	3.60	0.15	0.15	0.15	0.65	0.70		
18.6	20.1		Cum	2	1.50	0.15	0.15	0.15	0.65	0.29		
20.1	29.6		Cum	2	9.50	0.15	0.15	0.15	0.65	1.85		
29.6	32.4		Cum	2	2.80	0.15	0.15	0.15	0.65	0.55		
32.4	44.5		Cum	2	12.10	0.15	0.15	0.15	0.65	2.36		
44.5	48.9	CULVERT	Cum	2	0.00	0.00	0.00	0.00	0.65	0.00		
48.9	64		Cum	2	15.10	0.15	0.15	0.15	0.65	2.94		
64	66.9		Cum	2	2.90	0.15	0.15	0.15	0.65	0.57		
66.9	70		Cum	2	3.10	0.15	0.15	0.15	0.65	0.60		
		RHS (West Side)										
		From Radamma House To Confident Enterprise										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
60	67.3		Cum	2	7.30	0.15	0.15	0.15	0.65	1.42		
		Amco Layout										
		3rd Cross Road										
		LHS (East Side)										
		From Ganga Enterprises To Sri Veeranjaneya Swami House										
0	9.2		Cum	2	9.20	0.15	0.15	0.15	0.65	1.79		
9.2	13		Cum	2	3.80	0.15	0.15	0.15	0.65	0.74		
13	27.3		Cum	2	14.30	0.15	0.15	0.15	0.65	2.79		
27.3	48.3	No Work	Cum	0	21.00	0.00	0.00	0.00	0.65	0.00		
48.3	59.2		Cum	2	10.90	0.15	0.15	0.15	0.70	2.29		
59.2	72.2		Cum	2	13.00	0.15	0.15	0.15	0.70	2.73		
		RHS (West Side)										
		From Impact Collage Road To Ganga Enterprises										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
30	36		Cum	2	6.00	0.15	0.15	0.15	0.70	1.26		
36	42.2		Cum	2	6.20	0.15	0.15	0.15	0.65	1.21		
42.2	44.1		Cum	2	1.90	0.15	0.15	0.15	0.65	0.37		

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

64.41

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Executive Engineer
R.R. Nagar, Sub-division,
RIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate	Amount
44.1	51.7		Cum	2	7.60	0.15	0.15	0.15	0.65	1.48		
51.7	53.5		Cum	2	1.80	0.15	0.15	0.15	0.65	0.35		
53.5	59.7		Cum	2	6.20	0.15	0.15	0.15	0.65	1.21		
59.7	82.3		Cum	2	22.60	0.15	0.15	0.15	0.65	4.41		
82.3	96.6		Cum	2	14.30	0.15	0.15	0.15	0.65	2.79		
								Sub Total		151.45		
		Culverts										
		Bottom Main										
		1st cross road BB Nagar										
			Cum	1	4.40	1.80	1.80	1.80	0.20	1.58		
		Side Wall										
		1st cross road BB Nagar										
			Cum	2	4.40	0.20	0.20	0.20	0.65	1.14		
								Sub Total		2.73		
									Total Executed Qty	193.27		
									Tender Qty	193.92		
									DPQ Paid in 1st Bill No.One Pg. No.	39.09		
									Now to be paid	154.18	5770.64	889733.00

Item No.43 Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specifications and as per the directions of the Engineer-in-charge of the work (Data Rate)

Measurements taken on

		Qty Recorded in first And Part Bill (Pg No.								81.81		
		Present Executed										
		Danalakshmi floor mill road										
		LHS (West Side)										
		From Kodigehalli Main Road To Dead End										
0	5.1	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
5.1	12.3		Sqm	1	7.20	0.75	0.75	0.75		5.40		
12.3	27.3	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
27.3	42.3	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
42.3	61.3	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
61.3	71.2		Sqm	1	9.90	0.75	0.75	0.75		7.43		
71.2	85.6	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
85.6	86.35		Sqm	1	0.75	0.75	0.75	0.75		0.56		
86.35	87.25	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
		RHS (East Side)										
		From Dead End To Kodigehalli Main Road										
0	12.8	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
12.8	15.6		Sqm	1	2.80	0.75	0.75	0.75		2.10		
15.6	17.8	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
17.8	26.9		Sqm	1	9.10	0.75	0.75	0.75		6.83		
26.9	42.9	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
42.9	44.3		Sqm	1	1.40	0.75	0.75	0.75		1.05		
44.3	45.55	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
45.55	48.65		Sqm	1	3.10	0.75	0.75	0.75		2.33		
48.65	54.15	NO WORK	Sqm	0	5.50	0.75	0.75	0.75		0.00		
54.15	84.15		Sqm	1	30.00	0.75	0.75	0.75		22.50		
84.15	86.3		Sqm	1	2.15	0.75	0.75	0.75		1.61		
86.3	86.9	BS Slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
		1st cross road BB Nagar										
		LHS (East Side)										
		From Royal mart to nagaratnamma House										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	18.6		Sqm	1	3.60	0.75	0.75	0.75		2.70		
18.6	20.1	BS slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
20.1	29.6		Sqm	1	9.50	0.75	0.75	0.75		7.13		

152.69

Assistant Executive Engineer Kodigehalli Sub Division BBMP Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer Kodigehalli Sub Division

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
29.6	32.4	BS slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
32.4	44.5		Sqm	1	12.10	0.75	0.75	0.75		9.08		
44.5	48.9	CULVERT	Sqm	1	0.00	0.75	0.75	0.75		0.00		
48.9	64		Sqm	1	15.10	0.75	0.75	0.75		11.33		
64	66.9	BS slab	Sqm	1	0.00	0.75	0.75	0.75		0.00		
66.9	70		Sqm	1	3.10	0.75	0.75	0.75		2.33		
		RHS (West Side)										
		From Radamma House To Confident Enterprise										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	60		Sqm	1	15.00	0.75	0.75	0.75		11.25		
60	67.3		Sqm	1	7.30	0.75	0.75	0.75		5.48		
		Amrutahalli 3rd Cross Road LHS (East Side)										
		From Ganga Enterprises To Sri Veeranjaneya Swami House										
0	9.2		Sqm	1	9.20	0.75	0.75	0.75		6.90		
9.2	13	BS Slab	Sqm	0	3.80	0.75	0.75	0.75		0.00		
13	27.3		Sqm	1	14.30	0.75	0.75	0.75		10.73		
27.3	48.3	No Work	Sqm	0	21.00	0.75	0.75	0.75		0.00		
48.3	59.2	BS Slab	Sqm	0	10.90	0.75	0.75	0.75		0.00		
59.2	72.2		Sqm	1	13.00	0.75	0.75	0.75		9.75		
		RHS (West Side)										
		From Impact Collage Road To Ganga Enterprises										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	36		Sqm	1	6.00	0.75	0.75	0.75		4.50		
36	42.2	BS Slab	Sqm	0	6.20	0.75	0.75	0.75		0.00		
42.2	44.1		Sqm	1	1.90	0.75	0.75	0.75		1.43		
44.1	51.7	BS Slab	Sqm	0	7.60	0.75	0.75	0.75		0.00		
51.7	53.5		Sqm	1	1.80	0.75	0.75	0.75		1.35		
53.5	59.7	BS Slab	Sqm	0	6.20	0.75	0.75	0.75		0.00		
59.7	82.3		Sqm	1	22.60	0.75	0.75	0.75		16.95		
82.3	96.6	BS Slab	Sqm	0	14.30	0.75	0.75	0.75		0.00		
		BB Nagar 3rd Cross Road (sub register office) LHS (South side)										
		From VD constructions to dead end										
0	15		Sqm	1	15	0.9	0.9	0.9		13.50		
15	30		Sqm	1	15	0.9	0.9	0.9		13.50		
30	45		Sqm	1	15	0.9	0.9	0.9		13.50		
45	60		Sqm	1	15	0.9	0.9	0.9		13.50		
60	75		Sqm	1	15	0.9	0.9	0.9		13.50		
75	90		Sqm	1	15	0.9	0.9	0.9		13.50		
90	94.6		Sqm	1	4.60	0.9	0.9	0.9		4.14	2329.64	
									Total Executed Qty	385.13		
									Tender Qty	287.28		
									Qty upto 125%	359.10		
									DPQ Paid in 1st Bill No.One Pg. No.	81.81		
									Now to be Paid Qty upto 125%	277.29	2337.00	648027.00
									Qty Above 125%	26.03		60832.68
									Now to be Paid Qty above 125%	26.03	2337.00	60821.00

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

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Director PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer R. Nagar, Sub-division, RIDL, BBMP, Bangalore

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
	Providing and laying in position reinforced cement concrete M20 mix with stone aggregates 20mm and down... including steel reinforcement) including centering and shuttering, maching mixed, concrete laid in layers not exceeding 15cm thick well compacted cost of all materials, labour, HOM of machineries, curing complete as per specifications. - 200 mm thick (Approved data rate enclosed)										
	CC Slab										
	Ist cross road BB Nagar										
		Sqm	1	4.40	1.80	1.80	1.80		7.92		
	AMCO Layout										
	Ist main 2nd cross										
		Sqm	1	9.30	1.50	1.50	1.50		13.95		
	Ist main 3rd cross										
		Sqm	1	7.95	1.50	1.50	1.50		11.93		
	Subregister office road										
		Sqm	1	6.70	1.50	1.50	1.50		10.05		
								Total Executed Qty	**43.85**		
								Tender Qty	**74.40**		232405/-
								Now to be paid	**43.85**	**5300.00**	**232379.00**
	Providing and applying two coats of painting coat over concrete / masonry / asbestos cement shet / plastered surfaces including preparing the surfacwe after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sannd papering including cost of materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work										
	Item is Not Operated										
	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work										
	Kodigehalli										
	1st cross road BB Nagar										
	From royal Mart to BDA Park										
0	0.9		Cum	1	0.90	4.50	4.60	4.55	0.15	0.61	
0.9	15		Cum	1	14.10	5.60	5.65	5.63	0.15	11.90	
15	30		Cum	1	15.00	5.70	5.00	5.35	0.15	12.04	
30	43.9		Cum	1	13.90	5.00	5.65	5.33	0.15	11.10	
43.9	60		Cum	1	16.10	5.25	4.65	4.95	0.15	11.95	
60	69.1		Cum	1	9.10	4.65	5.00	4.83	0.15	6.59	
69.1	72.1	Culvert break	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
72.1	73.5		Cum	1	1.40	4.80	4.90	4.85	0.15	1.02	
73.5	78.6		Cum	1	5.10	4.00	4.85	4.43	0.15	3.39	
78.6	87.9		Cum	1	9.30	4.50	4.00	4.25	0.15	5.93	
87.9	90.1		Cum	1	2.20	5.20	5.10	5.15	0.15	1.70	
90.1	99		Cum	1	9.40	3.70	3.30	3.50	0.15	4.94	
99.5	109		Cum	1	9.50	4.75	4.40	4.58	0.15	6.52	
		Shre Lakshmi Narasimha prasana road									
		From 1st Cross Road to Dead End (West to East Side)									
0	11.3		Cum	1	11.30	3.75	3.55	3.65	0.15	6.19	
11.3	13.4		Cum	1	2.10	2.85	2.85	2.85	0.15	0.90	
13.4	18.5		Cum	1	5.10	3.45	3.00	3.23	0.15	2.47	
18.5	19.7		Cum	1	1.20	2.65	2.60	2.63	0.15	0.47	
19.7	35.1		Cum	1	15.40	3.20	3.25	3.23	0.15	7.45	

95.15

Assistant Executive Engineer
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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
GRIDL, BBMP

Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
Narasimha swamy nilaya road										
From 1st Cross Road to Dead End (West to East Side)										
	Cum	1	0.30	2.95	3.40	3.18	0.15	0.14		
	Cum	1	11.80	3.30	3.85	3.58	0.15	6.33		
	Cum	1	0.50	3.60	3.60	3.60	0.15	0.27		
	Cum	1	2.60	3.10	3.20	3.15	0.15	1.23		
	Cum	1	1.00	3.80	3.80	3.80	0.15	0.57		
	Cum	1	1.50	3.60	3.75	3.68	0.15	0.83		
	Cum	1	0.70	3.00	3.00	3.00	0.15	0.32		
	Cum	1	2.90	2.65	2.20	2.43	0.15	1.05		
	Cum	1	3.70	3.20	3.70	3.45	0.15	1.91		
	Cum	1	2.20	4.60	4.60	4.60	0.15	1.52	14.17	
Deduction										
Ugd Chember	Cum	-2	0.64				0.15	-0.19		
			Area of circle=(3.14X0.9²)/4=0.79							
	Cum	-1	0.44				0.15	-0.07		
			Area of circle=(3.14X0.75²)/4=0.79							
Chember	Cum	-3	0.50	0.50	0.50	0.50	0.15	-0.11	-0.37	
							Total Executed Qty	108.95		
							Tender Qty	108.44		615314.00
							Qty upto 125%	108.95	5647.68	615320.00

Item No.47 Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift. complete as per specifications and as per the directions of the Engineer-in-charge of the work

Measurements taken on											
		Kodigehalli									
		1st cross road BB Nagar									
		From royal Mart to BDA Park									
	0.9		Sqm	1	0.90	4.50	4.60	4.55		4.10	
	15		Sqm	1	14.10	5.60	5.65	5.63		79.31	
	30		Sqm	1	15.00	5.70	5.00	5.35		80.25	
	43.9		Sqm	1	13.90	5.00	5.65	5.33		74.02	
	60		Sqm	1	16.10	5.25	4.65	4.95		79.70	
	69.1		Sqm	1	9.10	4.65	5.00	4.83		43.91	
	72.1	Culvert break	Sqm	1	0.00	0.00	0.00	0.00		0.00	
	73.5		Sqm	1	1.40	4.80	4.90	4.85		6.79	
	78.6		Sqm	1	5.10	4.00	4.85	4.43		22.57	
	87.9		Sqm	1	9.30	4.50	4.00	4.25		39.53	
	90.1		Sqm	1	2.20	5.20	5.10	5.15		11.33	
	99		Sqm	1	9.40	3.70	3.30	3.50		32.90	
	109		Sqm	1	9.50	4.75	4.40	4.58		43.46	
		Shre [illegible] prasana road									
		From 1st Cross Road to Dead End (West to East Side)									
	11.3		Sqm	1	11.30	3.75	3.55	3.65		41.25	
	13.4		Sqm	1	2.10	2.85	2.85	2.85		5.99	
	18.5		Sqm	1	5.10	3.45	3.00	3.23		16.45	
	19.7		Sqm	1	1.20	2.65	2.60	2.63		3.15	
	35.1		Sqm	1	15.40	3.20	3.25	3.23		49.67	
		Narasimha swamy nilaya road									
		From 1st Cross Road to Dead End (West to East Side)									
	0.3		Sqm	1	0.30	2.95	3.40	3.18		0.95	

635.30

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Assistant Executive Engineer, Nagar, Sub-division, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate RS.	Amount RS.
11.3	12.1		Sqm	1	11.80	3.30	3.85	3.58		42.19		
12.1	12.6		Sqm	1	0.50	3.60	3.60	3.60		1.80		
12.6	15.2		Sqm	1	2.60	3.10	3.20	3.15		8.19		
15.2	16.2		Sqm	1	1.00	3.80	3.80	3.80		3.80		
16.2	17.7		Sqm	1	1.50	3.60	3.75	3.68		5.51		
17.7	18.4		Sqm	1	0.70	3.00	3.00	3.00		2.10		
18.4	21.3		Sqm	1	2.90	2.65	2.20	2.43		7.03		
21.3	25		Sqm	1	3.70	3.20	3.70	3.45		12.77		
25	27.2		Sqm	1	2.20	4.60	4.60	4.60		10.12	93.51	
		Deduction										
		Ugly Chember	Sqm	-2	0.64					-1.27		
					Area of circle=(3.14X0.9²)/4=0.79							
			Sqm	-1	0.44					-0.44		
					Area of circle=(3.14X0.75²)/4=0.79							
		Chember										
			Sqm	-3	0.50	0.5	0.5	0.5		-0.75	2.46	
									Total Executed Qty	726.34		
									Tender Qty	685.50		
									Qty upto 125%	726.34	72.08	52355.00

Item No.48 Providing groove cutting for width of 5mm to 10mm and depth 80mm -100mm including cost of cutting machine , generater &HOM of machinery ,including cost of blade , coolant etc ., including cleaning of groove &providing sand and hot bitumen fillars and filler metal etc., including cost of conveyance of all materials , labour lead and lift charges and all other incident charges as per drawing. complete as per specifications and as per the directions of the Engineer-in-charge of the work

Measurements taken on

1st cross road BB Nagar	Rmt	2	4.41					8.83	8.82	
Shre Lakshmi Narasihma prasana road	Rmt	2	3.12					6.23	6.24	
Narasimha swamy nilaya road	Rmt	2	3.30					6.60		
							Total Executed Qty	21.66		
							Tender Qty	24.50		
							Now to be paid	21.66	143.10	3100.00

Item No.49 Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km complete as per specifications and as per the directions of the Engineer-in-charge of the work

	Cum										
Vide Total executed Quantity from premeasuremet Page no.								634.45		
							Total Executed Qty	634.45		
							Tender Qty	672.46		
							DPQ Paid in 1st Bill No.One Pg. No.	52.15		50986.00
							Now to be paid	582.29	87.56	50984.00
BESCOM CHARGES								582.30		
2nd Cross maruthi Nagar										
RR No: C9WS74										
Bescom Bill Vide Recepit No :725706678080 Date: 15-041-2021	Rs	1						1.00	5860	5860.00
Bill Vide Landis+Gyr limited Bill No: YNK/21/00702 Date:17/04/2021	Rs	1						1.00	1730.67	1731.00
									Sub Total	5487776.00
									Add 12% GST for Only PWD SR 2018-19 items	658534.00
									Add 4% KRIDL Charges	219512.00
									Grand Total	6365822.00

C&R 15/5/21

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

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Assistant Executive Engineer, K.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

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Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore